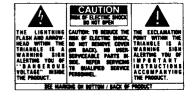


Telephone/FM-AM Clock Radio



WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

Use and Care Guide



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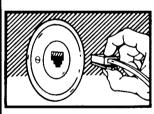
# INTRODUCTION

Your Telephone/Clock Radio is a carefully engineered, high-quality, durable product with natural sound quality, modern features and elegant styling. It is designed to give you the quality and convenience you expect in a telephone and a clock radio.

To familarize yourself with all its features, please read the following instructions carefully. Retain this Guide for future reference.

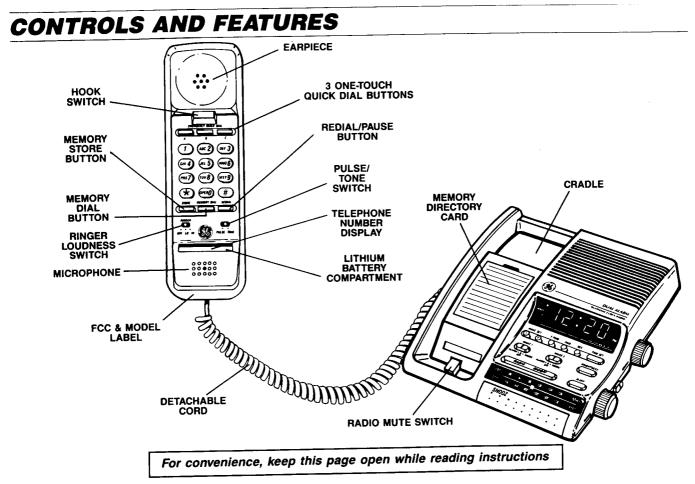
FCC NUMBER IS LOCATED ON THE BOTTOM OF TELEPHONE HANDSET REN NUMBER IS LOCATED ON THE BOTTOM OF TELEPHONE HANDSET OTHER IMPORTANT INFORMATION ON BACK COVER OF THIS GUIDE

## **TELEPHONE OUTLET REQUIREMENTS**



A modular (Universal Service Order Code) USOC: RJ11C outlet jack (illustrated) is required.

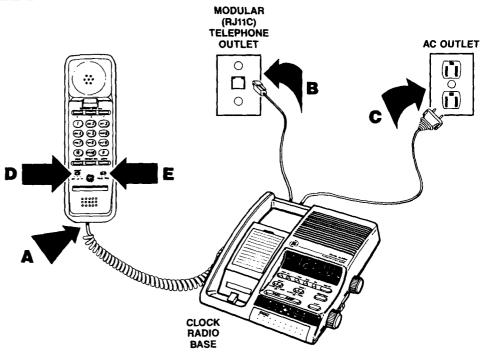
Installation of this telephone in locations with 4-prong jacks or with hardwired outlets will require additional Converters (not included). The dealer from whom you purchased your phone or a telephone supply store can advise you regarding the proper Converter.



# SET-UP OPERATION

- A. Plug coiled cord into the Handset Modular Jack.
- B. Plug telephone cord (on back of clock radio) into Modular (RJ11C) telephone outlet.
- C. Plug the power cord into an AC outlet.
- D. Set Ringer Switch to "HI".
  - LO = sound will be lower.
  - OFF = telephone will not ring.
- E. Set PULSE/TONE Switch to TONE. If dialing cannot be accomplished, switch to PULSE.

You are not ready to try your new telephone.



## **PULSE/TONE SWITCH**

Enables your phone to work on both Touch-Tone and Pulse dialing systems.

Pulse Position - Compatible with most local telephone companies' dialing systems.

Touch Tone - Provides tone signals required for some long distance and special tone-dialing service.

- · Generally, telephone companies charge extra for Tone service.
- Not available in all localities.
- If not available locally, phone will not work with switch in this position.

**Pulse/Tone Combination Dialing** - If a combination of both Pulse and Tone dialing is needed to reach your number or special phone service, switch to the required dialing mode at that point in your dialing sequence.

## MAKING AND RECEIVING CALLS

#### To Make a Call: To Receive A Call: 1. PICK-UP Handset. (Make sure Ringer Volume switch is not in "OFF" 2. Wait for DIAL TONE. position.) 3. DIAL Phone Number. When phone rings: 4. When finished, HANG UP. 1. PICK-UP Handset and TALK. 2. When finished HANG-UP. NOTE: Handset must be returned to cradle for radio play and alarm system operation. AUTOMATIC REDIALING The telephone automatically remembers the last number dialed (up

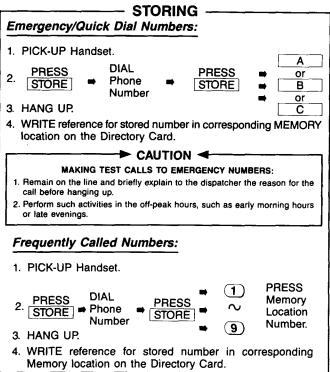
The telephone automatically remembers the last number dialed (up to 16 digits long).

The number will remain in "REDIAL" until another number is dialed.

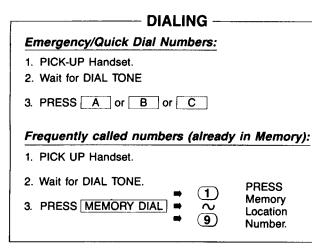
- 1. To redial a number that you dialed manually, PRESS REDIAL
- 2. To redial a number that you dialed from Memory, use the Memory keys again.

## MEMORY

Each of the 12 MEMORY Locations is capable of storing a telephone number of up to 16 digits. The telephone number stored in the 3 Emergency/Quick Dial positions can be automatically dialed with one touch. MEMORY positions 1-9 are automatically dialed with two touches (MEMORY DIAL & number buttons corresponding to MEMORY Location).



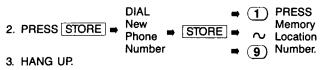
5



## **OTHER STORING PROCEDURES**

## Changing a Stored Number:

1. PICK-UP Handset.



## Correcting an Error While Storing:

- 1. HANG UP.
- 2. Repeat Procedure for Storing Numbers in Memory.

## PAUSE FUNCTION

Used for storing a momentary delay in the dialing sequence of a stored telephone number. This is generally used when a "PAUSE" is needed to wait for a dial tone (e.g. after dialing 9 for an outside line) or a computer tone (e.g. for some long distance services) before you can proceed to dial.

At point where pause is required...

PRESS REDIAL

NOTE:

- The REDIAL key will place a pause in the dialing sequence anytime it is pressed after dialing a number. When storing Pause in MEMORY, each pause counts as one stored digit.
- PAUSE is pre-set for a short delay. If a longer PAUSE is required, press REDIAL again.

## PABX AND PBX USE

Memory and Redial may require the use of a "PAUSE" when initially dialing or storing outside numbers. The sequence, then, for dialing or storing an outside number would be, for example:

REDIAL 1 2 3 4 5 6 7

## **CHAIN DIALING**

Allows you to dial in succession a chain of numbers in different memory locations. This is handy when you must dial more than one number in memory to complete a call, such as with frequent calls via an independent long distance service. (e.g. MCI or SPRINT).

### For Example:

	Location
Local Access Number of Long Distance Service and two (or three) Pauses at endis in	7
Authorization Code (ID Number)is in	8
Long Distance Phone Number you wish to call is in	9

## To Initiate Chain Dialing:

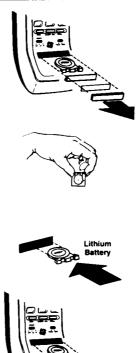
N		MEMORY DIAL 8		)
	Dials # in Memory Location 7	Dials # in Memory Location 8	Dials # in Memory Location 9	

## BATTERY REPLACEMENT

A consumer replaceable long-life Lithium Battery (3V) is installed in the phone to provide back-up power for retaining numbers in memory.

## **BATTERY REPLACEMENT (cont.)**

### To Replace Battery:



- 1. UNPLUG telephone line from phone wall outlet.
- 2. UNPLUG handset cord.
- 3. Use pointed object to remove telephone number plastic cover, card and battery cover to expose battery holder.
- Using a small flat screwdriver, insert in opening at either end of battery holder and pop up.
- 5. Slide battery holder out and dispose of immediately in the proper manner. (Do Not Touch Battery).
- 6. Insert replacement battery and holder. (Holder can be inserted only one way.) Snap into place.
- 7. Replace battery cover, telephone number card, and plastic cover.
- 8. PLUG telephone line cord into phone wall outlet.
- 9. Connect the coiled cord to the handset.
- 10. Reprogram numbers into memory.

## BATTERY REPLACEMENT

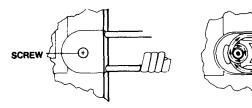
### **Battery Safety Precautions**

For your safety, please follow these simple precautions:

- Do not recharge, disassemble, mutilate, wet or dispose of Battery in fire.
- Keep Battery out of reach of children.
- Replace only with GE Cat. #5-2313. Accessory Order Form included in this guide.

## **REPLACEABLE TELEPHONE CORD**

The telephone cord (from handset to telephone wall outlet) is actually one cord which is easily replaced if damaged.



To replace:

- 1. Remove modular plug from telephone wall outlet and handset.
- 2. Remove screw from telephone cord strain relief housing located on the bottom of the clock radio.
- 3. Lift off housing and unwrap cord around the strain relief, as indicated in the illustration, and replace housing and screw.

# PRODUCT CARE

To keep your GE Telephone working and looking good, follow these few simple rules:



Avoid putting telephone new heating appliances or other high temperature sources.



 Clean telephone with a soft cloth dampened with water. (Remember to first unplug phone from wall outlet.)



- Try to avoid putting telephone near heating appliances and devices that generate electrical noise (i.e., motors, fluorescent lamps).
- Telephone should not be exposed to direct sunlight or moisture.



Avoid dropping the Handset as well as other rough treatment to the phone.



 Retain the original packaging, should you

Never use a strong

abrasive powder, as

this will damage the

cleaning agent or



 Retain the original packaging, should you need to ship the phone at a later date.

finish

## TROUBLE OR MALFUNCTION

Should your phone not operate properly, check the following before seeking service.

PROBLEM	SOLUTION
1. No dial tone.	Check Cords: Are they inserted properly and securely? Are they damaged?
	Check HOOK SWITCH: Does it fully extend when Handset is removed?
2. Phone does not ring.	Is RINGER VOLUME SWITCH in OFF position?
	<ul> <li>Are you using too many phones on one line? (The total REN of all phones on the same line should not be greater than the maximum REN for your calling area. Usually 5. See ("FCC Registration Information" on back cover.)</li> </ul>
	Perform checks under #1.
3. Incoming and outgoing voice volume too low or none at all	<ul> <li>Are other phones off hook at same time? If so, this is normal condition as volume drops when additional phones are used simul- taneously.</li> </ul>
4. Light and tone feedback flutter when dialing in Pulse mode.	<ul> <li>This is normal as power is fluctuating when the phone dails.</li> </ul>
5. Memory Dialing	Did you program numbers correctly?
Problems	<ul> <li>Did you follow proper dialing sequence? (Review Memory Section)</li> </ul>
6. Loss of Memory	<ul><li>Is 3V Lithium Battery in place correctly?</li><li>Does it need to be replaced?</li></ul>

If still inoperative, disconnect the phone and try another phone (if one is available) or another cord to determine whether the problem is in the telephone, the cord or the line. If in the phone, discontinue its use and follow the SERVICE procedure in this manual. If in the line, notify the telephone company immediately. The telephone company will charge for a service call if the problem is attributable to equipment you own.

# IMPORTANT INFORMATION

## HEARING AID COMPATIBILITY

This telephone system is judged to be hearing aid compatible per FCC/DOC standards.

## FCC REGISTRATION INFORMATION

Your GE telephone equipment is registered with the Federal Communications Commission and is in compliance with parts 15J and 68, FCC Rules and Regulations.

#### 1. Notification to the Local Telephone Company

On the bottom of this equipment is a label indicating among other information, the FCC Registration number and Ringer Equivalence Number (REN) for the equipment. You must, upon request, provide this information to your telephone company.

The REN is useful to determine the number of devices you may connect to your telephone line and still have all these devices ring when your telephone number is called. In most (but not all) areas, the sum of the REN's of all devices connected to one line should not exceed 5. To be certain of the number of devices you may connect to your line as determined by the REN, you should contact your local telephone company.

**NOTES:** This equipment may not be used on coin service provided by the telephone company.

Party lines are subject to state tariffs, and therefore, you may not be able to use your own telephone equipment if you are on a party line. Check with your local telephone company.

Notice must be given to the telephone company upon permanent disconnection of your telephone from your line.

### 2. Rights of the Telephone Company.

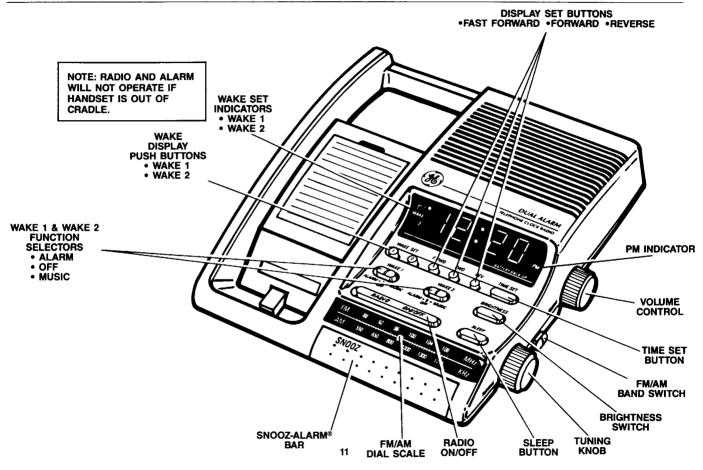
Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, where practicable, notify you that temporary discontinuance of service may be required. Where prior notice is not practicable and the circumstances warrant such action, the telephone company may temporarily discontinue service immediately. In case of such temporary discontinuance, the telephone company must: (1) promptly notify you of such temporary discontinuance, (2) afford you the opportunity to correct the situation and (3) inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in Subpart E of Part 68, FCC Rules and Regulations.

The telephone company may make changes in its communications facilities, equipment, operations of procedures where such action is required in the operation of its business and not inconsistent with FCC Rules and Regulations. If these changes are expected to affect the use or performance of your telephone equipment, the telephone company must give you adequate notice, in writing, to allow you to maintain uninterrupted service.

## INTERFERENCE INFORMATION

This equipment generates and uses radio frequency energy which may interfere with residential radio and television reception if not properly installed and used in accordance with instructions contained in this manual. Reasonable protection against such interference is ensured, although there is no guarantee this will not occur in a given installation. If interference is suspected and verified by switching this equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient the radio/television receiver's antenna, relocate the equipment with respect to the receiver, plug the equipment and receiver into separate circuit outlets. The user may also wish to consult a qualified radio/television technician for additional suggestions. This equipment has been fully tested and complies with all limits for Class B computing devices pursuant to part 15, Sub-part J, FCC Rules and Regulations.

# **CLOCK RADIO CONTROLS AND FEATURES**



## **CLOCK RADIO OPERATION**

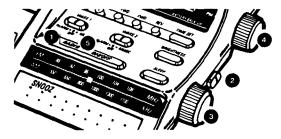
When AC power is interrupted (disconnected) for a short period, both time and alarm settings will change (unless optional battery is installed). After AC power is restored (reconnected), the Digital Display will blink to indicate that power was interrupted and you may have to readjust the TIME and ALARM settings. To stop display from blinking, press any Display Set Button.

## **OPERATING THE RADIO**

Plug the power cord into any 110V AC household outlet. Display will blink. Press any DISPLAY SET button to stop the blinking.

Press RADIO ON/OFF button to turn radio on.

2 Slide the FM/AM band switch to desired broadcast band.



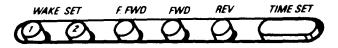
Rotate TUNING knob to select a station.

- Adjust VOLUME to your listening preference.
- Press RADIO ON/OFF button to turn radio off.

## SETTING THE TIME

The digital clock timer operates on a 24-hour cycle. The PM indicator to the left of the time display will light when the clock is reading PM time. You can change time in either the forward of the reverse direction.

- To adjust the clock to the desired time:
- 1. Press and hold the TIME SET button.
- 2. While holding down the TIME SET button, press the FAST FOR-WARD button to change time rapidly and, then, the FORWARD button as you approach the time you want.



To change time in the reverse direction, press the REVERSE button while holding down the TIME SET button.

3. Release the TIME SET button.

## SETTING THE WAKE TIME

You can select two different wake times for the radio or alarm to turn on automatically.

### WAKE 1

- 1. Press and hold down the Wake 1 WAKE SET button. The display will change to wake time for WAKE 1.
- 2. While holding down the WAKE SET button, press the FAST FOR-WARD button to change time rapidly and, then, the FORWARD button as you approach the desired AM or PM wake time.

To change time in the reverse direction, press the REVERSE button while holding down the WAKE SET button.

3. Release the WAKE SET button and the current time is once again displayed.

### WAKE 2

- 1. Select desired AM or FM station (see "OPERATING THE RADIO").
- 2. Turn the radio off with the RADIO ON/OFF button.
- 3. Set the wake time (see "SETTING THE WAKE TIME") using the WAKE 1 or WAKE 2 WAKE SET button.

4. Slide the corresponding WAKE FUNCTION Selector to the MUSIC position. The WAKE SET Indicator will light in the display.

The radio will turn on at the wake time you have set and will turn itself off after approximately 1 hour. To turn the radio off sooner, press RADIO ON/OFF button. (This ends the wake cycle while leaving the wake system in place, ready to turn itself on again at the same time the next day. The WAKE SET Indicator will remain in the display.) To turn off the wake system, slide the WAKE FUNCTION Selector to the OFF position. The WAKE SET Indicator will light in the display.

## WAKE TO ALARM

- 1. Set the wake time (see, "SETTING THE WAKE TIME") using the WAKE 1 or WAKE 2 WAKE SET button.
- 2. Slide the corresponding WAKE FUNCTION selector to the ALARM position. The WAKE SET Indicator will light in the display.

An alarm tone will sound at the wake time you have set and will turn itself off after about 1 hour. To turn the alarm off sooner, press RADIO ON/OFF button or slide the WAKE FUNCTION Selector to the OFF position.

NOTE: The VOLUME Control setting determines the loudness of the alarm.

## SLEEP TO MUSIC

You can drift off to sleep to music knowing that the radio will turn itself off automatically, Simply:

- 1. With the radio turned off, press and hold the SLEEP button. The time display will exhibit 0:59, and the radio will turn on automatically.
- 2. Hold down the SLEEP button to select any sleep time between 59 minutes and 1 minute, depending on how long you wish the radio to play.
  - After pressing the SLEEP button, there is a delay of approximately 2 seconds before automatic countdown starts.
- 3. Release the SLEEP button and current time is once again displayed.

The radio is now on and you can select your station in the usual way. Play will be for the chosen length of time (up to 59 minutes), and then the radio will turn itself off. If you decide to turn the radio off sooner, press the RADIO ON/OFF button.

## SLEEP TO MUSIC AND WAKE TO MUSIC OR ALARM

You can set your digital clock radio to lull you to sleep, turn itself off, then awaken you at a preset time - all automatically.

1. Set the wake time.

- 2. Follow the steps under WAKE TO MUSIC or WAKE TO ALARM.
- 3. Then, proceed with Steps 1 through 3 under SLEEP TO MUSIC.

(NOTE: Be sure the appropriate FUNCTION SELECTOR is in WAKE position.)

## **SNOOZ-ALARM® CONTROL OPERATION**

The Snooz-Alarm control has three functions:

- 1. It allows extra sleep time after the radio comes on in the WAKE TO MUSIC mode. Press SNOOZ bar to silence the radio. About 7 minutes later, the radio will play again.
- 2. It allows extra sleep time in the WAKE TO ALARM mode. When the alarm sounds, touch the SNOOZ bar to silence the alarm. About 7 minutes later, the alarm will sound again.

You can use the SNOOZ feature repeatedly for up to one hour, after which the radio or alarm will turn off until the next day.

3. The SNOOZ-ALARM control can also be used to show seconds in the digital display. Simply press SNOOZ at any time other than during an active WAKE interval and the display will change from hours and minutes to minutes (0-9 only) and seconds. (Pressing TIME SET and FORWARD while holding down SNOOZ button will advance display to the next whole minute.) Release SNOOZ button and hours and minutes are once again displayed.

## ADJUSTING THE DISPLAY BRIGHTNESS

The light intensity of the digital display can be adjusted for day/night lighting conditions. With each press of the BRIGHTNESS switch, the brightness will toggle between high and low.

## ANTENNAS

**AM Antenna -** A built-in ferrite rod antenna eliminates the need for an outside antenna for AM reception. Rotating the unit slightly may improve reception for distant AM stations.

**FM Antenna** - The power cord acts as your FM antenna. The power cord picks up moderate to strong stations and eliminates the need for an external antenna in most strong signal areas. For best reception, be sure the power cord is stretched out to its full length. Do not coil or bunch the cord together. Changing position of the power cord may improve reception.

## **NO-WORRY BATTERY BACKUP SYSTEM**

The clock radio is equipped with a memory holding system that can be powered by a customer-installed 9 volt alkaline battery (not included). The power failure protection circuit will not operate unless a battery is installed.

When normal household power is interrupted, or AC line cord is unplugged, the battery will power the clock radio to maintain time and alarm settings. When on battery power, the digital display will not light. However, should WAKE TIME occur during the power interruption, the radio will operate or the alarm will sound if remaining battery power is adequate. Normal operation will resume after AC power is restored so you will not have to reset time or alarm.

Install battery as follows:

- 1. To remove battery compartment door (located on bottom of radio), push the door latch in the direction of the arrow on the battery door and lift door off cabinet.
- 2. Connect a 9-volt battery to connectors.
- 3. Insert battery in compartment and replace compartment door.

**NOTE:** Alkaline batteries are recommended. Carbon-zinc batteries may be used but memory holding time will be substantially reduced.

Memory holding time for a fresh alkaline battery is approximately 4 hours, which should take care of short, nuisance-type AC power failures. To preserve battery power, the unit should remain plugged into an AC outlet. As batteries get older, their voltage drops and memory may be lost. Be sure to replace the battery periodically and dispose of the "dead" battery in a proper manner, in accordance with your State and local regulations. Remove battery if the unit will be unplugged or stored for more than a few weeks. A leaky battery can damage the unit.

# IN CASE OF DIFFICULTY

## SERVICE

FCC requires this product be serviced only by the manufacturer or its authorized service agents. For instructions on how to obtain service, refer to the warranty included in this Guide or call Consumer Information (309) 685-5563.

Attach your sales receipt to the booklet for future reference or jot down the date this product was purchased or received as a gift. This information will be valuable if service should be required during the warranty period.

Purchase date \_\_\_\_\_

Name of store \_\_\_\_\_

## FCC INFORMATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation. In accordance with FCC requirements, changes or modifications not expressly approved by Thomson Consumer Electronics could void the user's authority to operate this product.

# TWO-YEAR LIMITED WARRANTY

### What does your warranty cover?

• Any defect in material or workmanship.

### For how long after the original purchase?

- Two years.
- The warranty for rental units begins with the first rental.

#### What will we do?

- · Provide you with a new, or at our option, a reconditioned unit.
- The exchange unit is warranted for the remainder of your product's original two-year warranty period.

#### How do you make a warranty claim?

- Properly pack your unit. Include any cables, etc., which were originally provided with the product. We recommend using the original carton and packing materials.
- Include in the package a copy of the sales receipt or other evidence of date of original purchase. If the unit was a gift, provide a statement specifying the date received. Also print your name and address and a description of the defect.
- Ship the unit standard UPS or equivalent to: Thomson Consumer Electronics, Inc. Product Exchange Center 32 Spur Drive El Paso, Texas 79906

- Pay any charges billed to you by the Exchange Center for service not covered by the warranty.
- A new or reconditioned unit will be shipped to you prepaid freight.

### What does your warranty not cover?

- Customer instruction. Your Owner's Manual provides information regarding operating instructions and user controls. For additional information, ask your dealer.
- Installation and set-up service adjustments.
- Batteries.
- Damage from misuse or neglect.
- Product which have been modified or incorporated into other products.
- Product purchased or serviced outside the USA.

#### How does state law relate to this warranty?

 This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

#### What if you purchased your unit in Canada?

Refer to the Canadian Warranty.

For products purchased outside the United States and Canada, see dealer for warranty.

Thomson Consumer Electronics, Inc.



Model 2-9720A 318A8786-0001 (Rev. 0) 91-20